

## CLAIMS

1. A mobile bearing calculator having  
a geomagnetic sensor for detecting earth-magnetism and  
a control unit for calculating the geographical  
5 bearing based on detection values of the geomagnetic  
sensor, wherein  
the control unit monitors for an event whereby an  
operation of an electronic part mounted at the mobile  
bearing calculator changes, and corrects the geographical  
10 bearing in accordance with occurrence of the event.
2. A mobile bearing calculator as set forth in claim 1,  
further provided with a display unit,  
said control unit displaying said detected  
geographical bearing as information of the bearing on said  
15 display unit.
3. A mobile bearing calculator as set forth in claim 2,  
wherein said control unit displays a pictograph indicating  
which direction a specific bearing is on said display unit  
as said information of the bearing on said display unit  
20 based on said geographical bearing.
4. A mobile bearing calculator as set forth in claim 3,  
wherein said control unit switches the display of said  
pictograph to a mode different from that before said  
correction when performing said correction.
- 25 5. A mobile bearing calculator as set forth in claim 2,

wherein said control unit can acquire a map and display  
said map on said display unit, and performs a first display  
processing rotating said map to displaying as said  
information of the bearing linked with said geographical  
5 bearing.

6. A mobile bearing calculator as set forth in claim 4,  
wherein said control unit switches to perform a second  
display processing fixing the display of said map to a  
specific bearing without linking with said geographical  
10 location when displaying said map by said first display  
processing and performing said correction.

7. A mobile bearing calculator as set forth in claim 4,  
further having a positional information acquiring unit for  
acquiring information relating to the geographical location  
15 of a current position and a wireless communication unit  
able to connect to a communication network,

said control unit acquiring as said map a map  
information of surrounding of a current position specified  
based on positional information acquired at said positional  
20 information acquiring unit, from said communication network  
by said wireless communication unit.

8. A mobile bearing calculator as set forth in claim 6,  
further provided with a GPS signal receiver able to receive  
GPS signals from a plurality of GPS satellites,  
25 said position acquiring unit specifying said

positional information based on the GPS signals from said plurality of GPS satellites.

9. A mobile bearing calculator as set forth in claim 1, further provided with a storage unit for storing correction  
5 data corresponding to a plurality of different events,

said control unit reading out correction data corresponding to an event and performing said correction when detecting the occurrence of said event.

10. A mobile bearing calculator as set forth in claim 8,  
10 wherein said control unit corrects said geographical bearing by using said correction data to correct detection values of said geographic sensor.

11. A mobile bearing calculator as set forth in claim 9, wherein

15 said geomagnetic sensor detects earth-magnetism at a plurality of directions among which at least two perpendicularly intersect each other, and

said storage unit stores a plurality of correction values corresponding to detection values of earth-magnetism  
20 of said plurality of directions.

12. A mobile bearing calculator as set forth in claim 10, wherein said control unit adds correction values corresponding to said correction data to detection values of earth-magnetism of said plurality of directions when  
25 correcting detection values of said geomagnetic sensor.

13. A bearing correction method in a mobile bearing calculator provided with a geomagnetic sensor for detecting earth-magnetism and calculating a geographical bearing based on detection values of said geomagnetic sensor,

5 comprising

a step of monitoring for an event whereby an operation of an electronic part mounted on the mobile bearing calculator changes and

a step of correcting the geographical bearing in  
10 accordance with the occurrence of the event.